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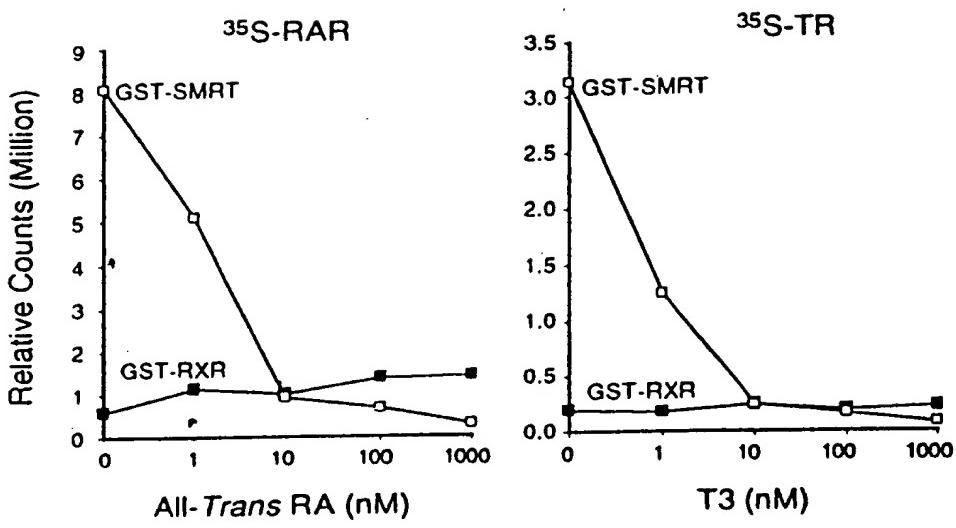


FIGURE 1

1 MEAWDAH@DKEAFAAEAQKLGDPBCWTSGLPFPVPPREVIKASCHAED  
51 SAFSYAEFGHEPLGLHDTARPVLPREPTISNEPELISSAKHESVLERQI  
101 GAIISQGMSVQLHV@YSEHAKA@VQPVTMGLPLEMDOKKLA@FSGVKQEQL  
151 SPRGQAGPPESLGVPATAQEASVLRGTAALGSVPGGSITKGIPSTRVPSDSA  
201 ITYRGSITHGTPADVLYKGTITRIIGEDSPSRLDRGREDSLPGHVIYEG  
251 KKGHVLSYEGGMSVTQCSKEDGRSSSGPPHETAAPKRTYDMMEGRVGRAI  
301 SSASIEGLMGRAIPPERHSPHLKEQHHIRGSITQGIPRSYVEAQEDYLR  
351 REAKLLKREGTPPPPPSRDLTEAYKTQALGPLKLKPAHEGLVATVKEAG  
401 RSIHEIPREELRHTPELPLAPRPLKEGSITQGTPLKDYTGASTTGSKKHD  
451 VRSLIGSPGRTFPPVHPLDVMADARALERACYEESLKSRPGTASSSGGSI  
501 ARGAPVIVPELGKPRQSPLTYEDHGAPPAGHLPRGSPVTMREPTPRLQEG  
551 SLSSSKASQDRKLTSTPREIAKSPHSTVPEHHPHPISPYEHLLRGVSGVD  
601 LYRSHIPLAFDPTSIPRGIPLDAAAAYLPRHLAPNPTYPHLYPPYLIRG  
651 YPDTAALENRQTIINDYITSQQMHNTATAMAQRADMLRGLSPRESSLAL  
701 NYAAGPRGIIDLSQLVPHLPVLVPPTPGTPATAMDRLAYLPTAPQPFSRH  
751 SSSPLSPGGPTHLTCKPTTSSSERERDRDRERDREREKSILTSTTTVE  
801 HAPIWRPGTEQSSGGSSGGGGSSSRPASHSHAHQHSPISPRTQDALQ  
851 QRPSVLHNTGMKGITAVEPSKPTVLRSTSTSSPVRPAATFPATHCPLG  
901 GTLDGVYPTLMEPVLLPKEARVARPERPRADTGHAFLAKEPASGLEPA  
951 SSPSKGSEPRPLVPPVSGHATIARTPAKNLAPHHASPDPPAPPASASDPH  
1001 REKTQSKPFSIQELELRLSLGYHGSSYSPEGVEPVSPVSSPSLTHDKGLPK  
1051 HLEELDKSHLEGELRPKQPGPVKLGGEAAHLPHLRPLPES@PSSSPLI@T  
1101 APGVKGH@RVVTLA@HISEVIT@DYTRHHE@SAPLPAPLYSFPGASC  
1151 VLDLRRPPSDLYLPDDHGAPARGSPHSEGGKRSPEPNKTSVLGGGEDGI  
1201 EPVSPPEGMTEPGHSRSAVYPLLYRDGEQTEPSRMGSKSPGNTSQPPAFF  
  
1251 SK@TESNSAMVKSKKQEINKKLNTHNRNEPEYNISQPGTEIFNMPAITGT  
  
1301 GL@TYRSQA@DEHASTNMGLEAIIRKALMGKYDQW.EESPPLSANAFNPL  
  
1350 NASASLPAAMPITAADGRSDHTLTSP].GGGGKAKVSGRPSRKAKSPAPG  
  
1399 LA..SGDRPPSVSSVHSEGDCNRRTPLTNRVWEDRPSSAGSTPFPPYNPLI  
  
1447 MRLQAG@MASPPPPG@PAGSGP@..AGPHHA...WDEEPKPL@CSQYET@

**FIGURE 2**

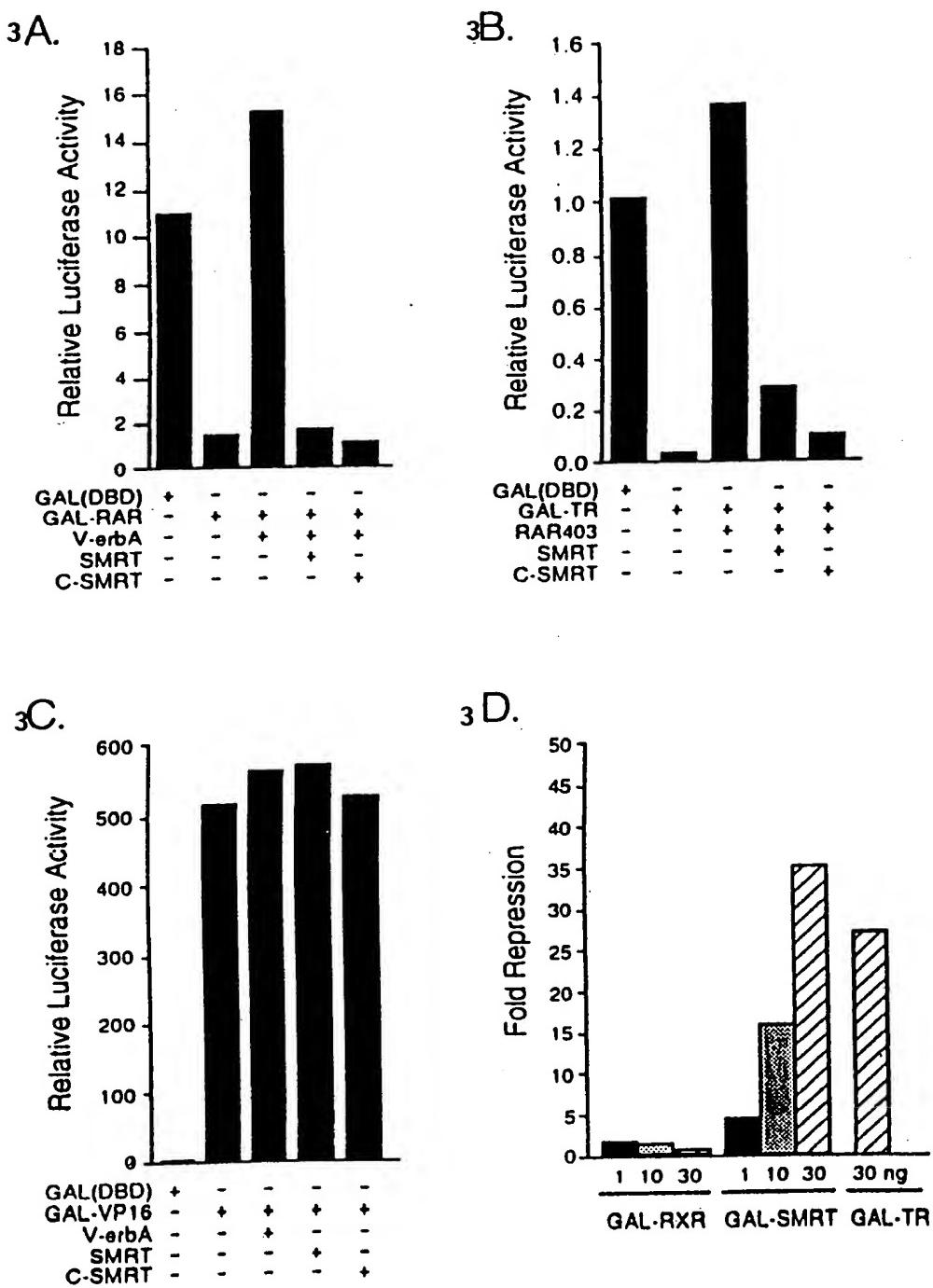


FIGURE 3

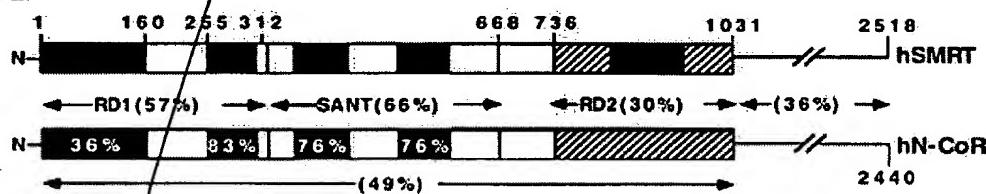
**FIGURE 4**

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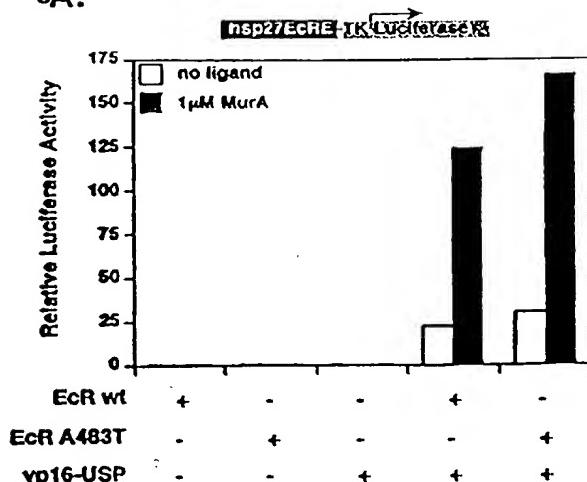
EnGFT

5 B

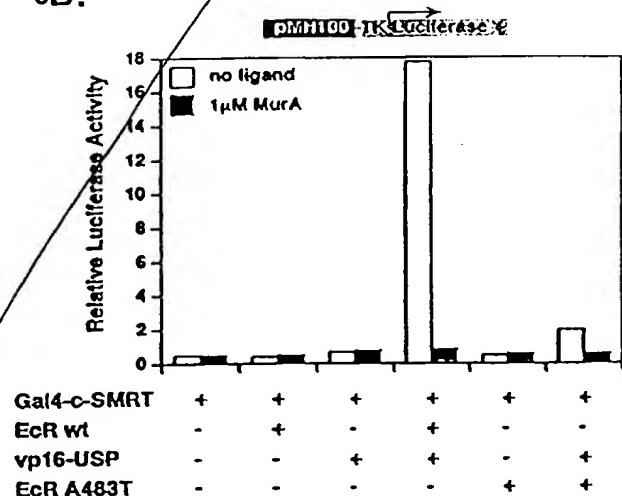


## FIGURE 5

6A.



6B.



6C.

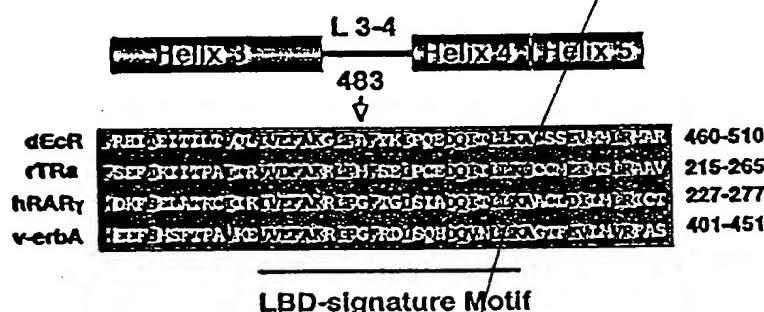


FIGURE 6

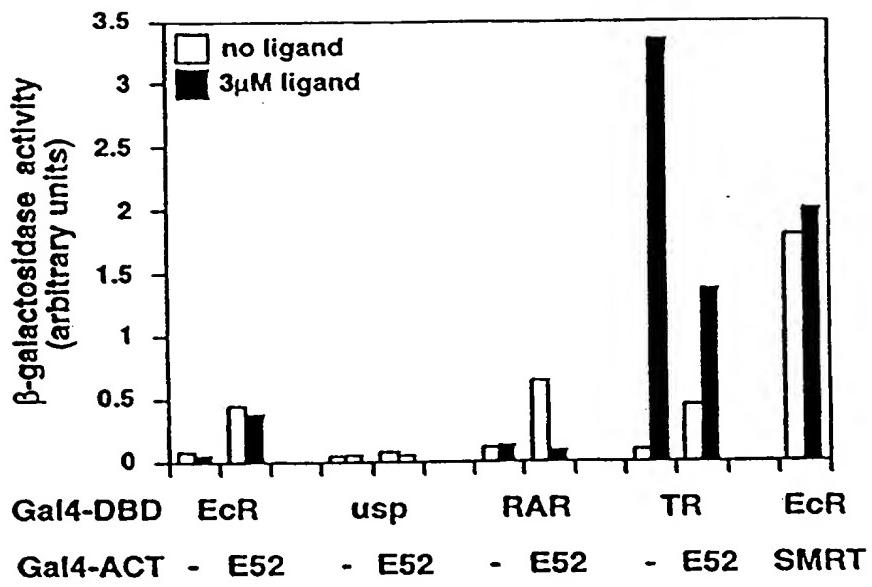
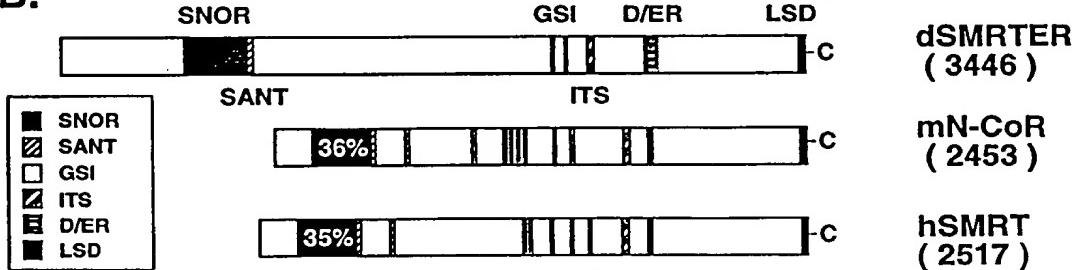


FIGURE 7

8A.

8 B.



## FIGURE 8

### SNOR motif

**SHORTER:** 573      **LEN-COR:** 177      **HEIGHT :** 169      **AGE:** 10      **WEIGHT:** 20      **STRETCH:** 30      **STRENGTH:** 40      **STRENGTH:** 50  
**SHORTER:** 623      **LEN-COR:** 226      **HEIGHT :** 217      **AGE:** 60      **WEIGHT:** 70      **STRETCH:** 80      **STRENGTH:** 90      **STRENGTH:** 100  
**SHORTER:** 673      **LEN-COR:** 263      **HEIGHT :** 254      **AGE:** 110      **WEIGHT:** 120      **STRETCH:** 130      **STRENGTH:** 140      **STRENGTH:** 150  
**SHORTER:** 723      **LEN-COR:** 307      **HEIGHT :** 298      **AGE:** 160      **WEIGHT:** 170      **STRETCH:** 180      **STRENGTH:** 190      **STRENGTH:** 200  
**SHORTER:** 773      **LEN-COR:** 357      **HEIGHT :** 346      **AGE:** 210      **WEIGHT:** 220      **STRETCH:** 230      **STRENGTH:** 240      **STRENGTH:** 250  
**SHORTER:** 814      **LEN-COR:** 406      **HEIGHT :** 338      **AGE:** 260      **WEIGHT:** 270      **STRETCH:** 280

#### SANT domain

### ITS motif

~~ENCODER:2424~~ - R Q I V M D E X I T S Q Q H Q  
~~ENCLT:1681~~ - R Q I V M D E X I T S Q Q H Q  
~~E-COR:1615~~ - R Q I V M D E X I T S Q Q H Q

### LSD motif

SISTER: 3430      E S P L L L I K F R A L S D - P P  
 SISTER: 2501      E S P L L L C G F R A L S D S M  
 E-COR: 2436      E P A P L L S A D Y R T L S D A D E

## GSI motif

**FIGURE 9**

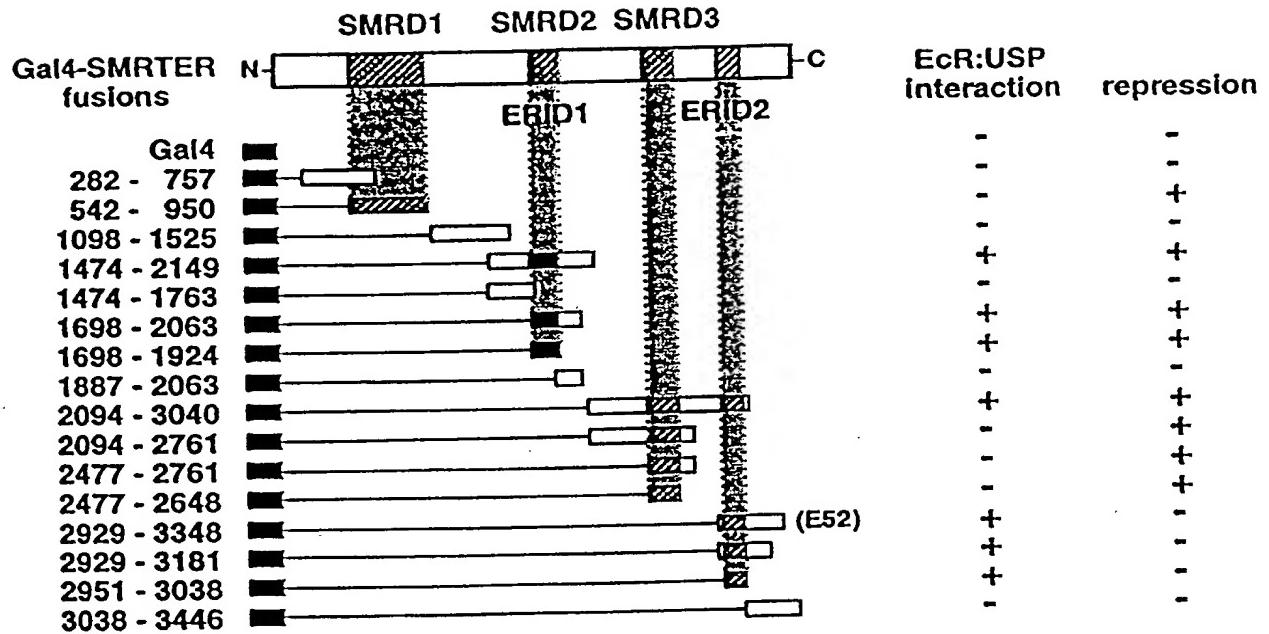
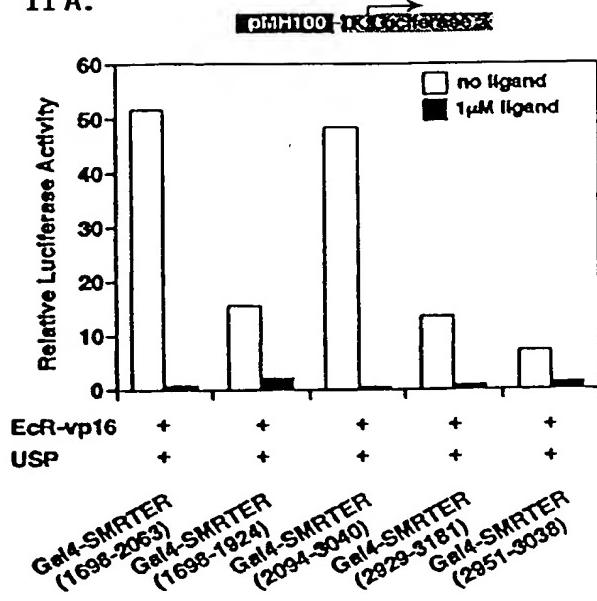


FIGURE 10

11A.



11B.

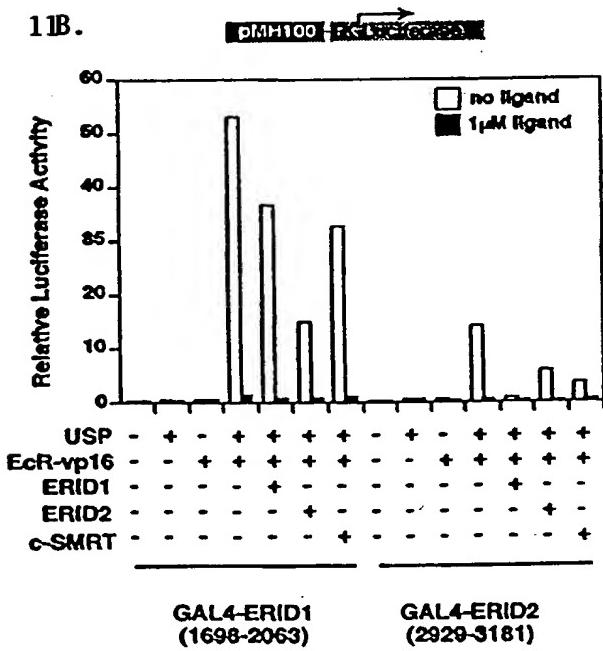
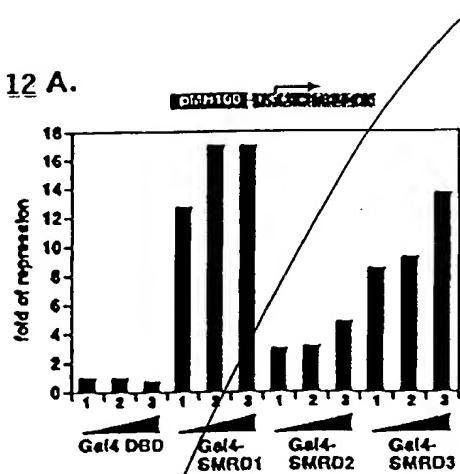
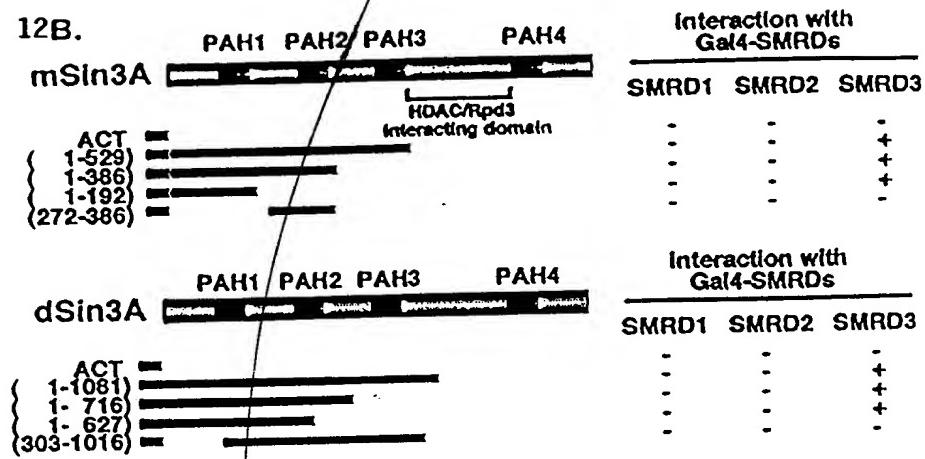


FIGURE 11

12 A.



12B.



12C.

$\alpha$ -helix

SMRTER : 2564 DIAIASFYDVAVQQPOLPVPSQKDDK  
N-CoR : 1835 DALALALYDVAAASAPQKDVSKTRESK

\*\*      \*

M2      M3

dSin3A Interaction      -      -  
mSin3A Interaction      -      -

\* → G

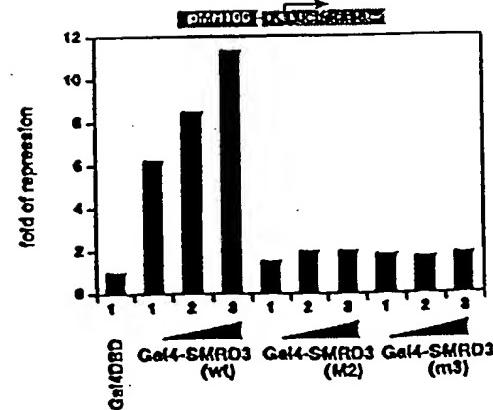


FIGURE 12